

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/728753.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 17:00
S2	36	((SHIGERU) near2 (MURATA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 17:02
S3	223	((SHIGERU) near2 (MURATA)).INV.	EPO; JPO; DERWENT	OR	OFF	2007/01/15 17:07
S4	165	417/395.ccls.	EPO; JPO; DERWENT	OR	OFF	2007/01/15 18:31
S5	1	US-6106246-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 17:09
S6	25	("4722752"   "4787825"   "4854832"   "4902350"   "4904167"   "5062770"   "5261798"   "5263827"   "5326234"   "5362212"   "5409355"   "5520523"   "5527160"   "5540568"   "5564911"   "5567118"   "5649813"   "5816778"   "5860794").PN. OR ("6106246").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:28
S7	912	417/395.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:35
S8	22	S7 and ((pilot same valve) and reciprocate)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:35
S9	28	("2610859"   "3519011"   "3838946"   "3967635"   "4041970"   "4242941"   "4247264"   "4524803"   "4549467"   "5169296"   "5213485"   "5584666"   "5607290"   "5694965"   "5927954"   "5957670"   "D275858"   "D294946"   "D294947").PN. OR ("6152705").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:40
S10	13	("3781141"   "4621990"   "4817503"   "4856969"   "6152705"   "D291319"   "D370488"   "D380218"   "D384677"   "D388797"   "D400210"   "D435855"   "D484145").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:45
S11	9	("3838946"   "5062770"   "5480292"   "5558506"   "5893707"   "5927954"   "6619932"   "6644941"   "6685443").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:46
S12	25	("4722752"   "4787825"   "4854832"   "4902350"   "4904167"   "5062770"   "5261798"   "5263827"   "5326234"   "5362212"   "5409355"   "5520523"   "5527160"   "5540568"   "5564911"   "5567118"   "5649813"   "5816778"   "5860794").PN. OR ("6106246").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:51
S13	32	("3782863"   "4123204"   "4722752"   "4778356"   "4781535"   "4787825"   "4836418"   "4842498"   "4854832"   "4902350"   "4904167"   "4981418"   "5062770"   "5108270"   "5261798"   "5263827"   "5326234"   "5362212"   "5409355"   "5466133"   "5520523"   "5527160"   "5540568"   "5564911"   "5567118"   "5649813"   "5816778"   "5860794"   "6106246"   "6142749"   "6152704"   "6168394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:52
S14	23	("0862867"   "2710629"   "3128940"   "4418544"   "4806083"   "4854832").PN. OR ("5649813").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/15 18:54
S15	9	("3838946"   "5062770"   "5480292"   "5558506"   "5893707"   "5927954"   "6619932"   "6644941"   "6685443").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:03

## EAST Search History

S16	38	("1161787"   "2239727"   "3081794"   "3749127"   "3773083"   "3791768"   "4203571"   "4496294"   "4566867"   "4634350"   "4655378"   "4736773"   "4836756"   "4902206"   "4927335"   "4983104"   "5060694"   "5174731"   "5222521"   "5224841"   "5238372"   "5308230"   "5326234"   "5408292").PN. OR ("5558506").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:05
S17	2	"US 20040197211"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/01/16 12:15
S18	11	("3236441"   "3652187"   "3958903"   "4406596"   "4681327"   "4830586"   "5222876"   "5391060"   "5538042").PN. OR ("6382934").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:30
S19	25	("4722752"   "4787825"   "4854832"   "4902350"   "4904167"   "4981418"   "5062770"   "5261798"   "5263827"   "5326234"   "5362212"   "5409355"   "5466133"   "5520523"   "5527160"   "5540568"   "5564911"   "5567118"   "5649813"   "5816778"   "5860794"   "6106246"   "6142749"   "6152704"   "6168394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:35
S20	25	("4722752"   "4787825"   "4854832"   "4902350"   "4904167"   "4981418"   "5062770"   "5261798"   "5263827"   "5326234"   "5362212"   "5409355"   "5466133"   "5520523"   "5527160"   "5540568"   "5564911"   "5567118"   "5649813"   "5816778"   "5860794"   "6106246"   "6142749"   "6152704"   "6168394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:48
S21	17	("4242941"   "4247264"   "4549467"   "5169296"   "5213485"   "5927954"   "D275858"   "D294946"   "D294947").PN. OR ("6142749").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:48
S22	18	("4381180"   "4436493"   "4609817"   "4682937"   "5052273"   "5238029"   "5257914"   "5367944"   "5511458").PN. OR ("5816778").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:50
S23	32	("3782863"   "4123204"   "4722752"   "4778356"   "4781535"   "4787825"   "4836418"   "4842498"   "4854832"   "4902350"   "4904167"   "4981418"   "5062770"   "5108270"   "5261798"   "5263827"   "5326234"   "5362212"   "5409355"   "5466133"   "5520523"   "5527160"   "5540568"   "5564911"   "5567118"   "5649813"   "5816778"   "5860794"   "6106246"   "6142749"   "6152704"   "6168394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 12:51
S24	13	("1920014"   "2927606"   "3051188"   "3709244"   "3722525"   "3738227"   "3791768"   "4344212"   "4432215"   "4817666").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 13:06